



Federal Communications Commission

Approved by OMB
3060-0999
See instructions for
public burden estimate.

Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2016 - December 31, 2016

Filing Confirmation Number: 0007614147

Filing Deadline: March 23, 2017

FRN: 0001637222

Filing Date: 01/07/2017 04:24 AM

General Report Information

Type of Company

Service Provider

De Minimis Exception

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

Company Information

Company Name: Triangle Communication System, Inc.

Brand Names: Triangle Mobile

PO Box: 1230

Street Address: 2121 Highway 2 NW

City: Havre

State: MT

Zip Code: 59501

Contact Name: Timothy Welch

Contact Phone: (202) 321-1448

Contact Fax: (301) 622-2864

Contact Email: welchlaw@earthlink.net

Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? No

Product Labeling

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice

communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

Yes

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

Public Website

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: <http://itstrianglemobile.com/phones>

Explain:

Consumer Outreach

Describe consumer outreach efforts in the past 12 months: Website. Point of sale displays include signs that HAC handsets are available and displays include HAC ratings. Opportunity for customers at point of sale to test any handset. Reporter is not aware that a HAC standard has been established for WI-FI; signage indicates that new technologies have not been HAC tested as per Section 20.19(f)(2)(i).

Methodology for Functionality Levels

Feature Tier--Handsets which have two-way voice and advanced features including a selection of SMS texting, camera, memory card slot, Bluetooth capability, Internet access capability, music player, texting keyboard, touch screen in varying combinations.

Smartphone Tier--Handsets which include an email client and a full HTML browser.

MH--Mobile hotspot.

Report Remarks

You have reported the following handset model summary information.

Total number of handsets offered: 19

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent	
CDMA	17	100%					17
LTE	13	100%					13
Wi-Fi					2	100%	2

Handset 1: Apple A11660 (iPhone 7)

Handset Maker

Apple

Handset Model Name

A11660 (iPhone 7)

FCC ID

BCG-E3085A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 12/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

S

Remarks

Handset 2: Apple A1633 (iPhone 6s)

Handset Maker

Apple

Handset Model Name

A1633 (iPhone 6s)

FCC ID

BCG-E2946A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 12/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

S

Remarks

Handset 3: Apple A1634 (iPhone 6s pl)

Handset Maker

Apple

Handset Model Name

FCC ID

A1634 (iPhone 6s pl)

BCG-E2944A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 12/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

S

Remarks

Handset 4: Apple A1661 (iPhone 7 pl)

Handset Maker

Apple

Handset Model Name

FCC ID

A1661 (iPhone 7 pl)

BCG-E3087A

Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

1900 MHz CDMA

Dates

This handset model was offered from: 12/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

S

Remarks

Handset 5: Apple A1662 (iPhone SE)

Handset Maker

Apple

Handset Model Name

FCC ID

A1662 (iPhone SE)

BCG-E2945A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 12/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

S

Remarks**Handset 6: Franklin MHS700L (WiMATE)****Handset Maker**

Franklin

Handset Model Name FCC ID

MHS700L (WiMATE) XHG-R700

Air Interfaces/Frequency Bands

700 MHz Wi-Fi

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating:

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

MH

Remarks

Handset 7: Kyocera DuraXA E4510

Handset Maker

Kyocera

Handset Model Name

DuraXA E4510

FCC ID

V65E4520

Air Interfaces/Frequency Bands

800 MHz CDMA

1900 MHz CDMA

Dates

This handset model was offered from: 01/16 to 08/16

Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

FEATURE

Remarks

Handset 8: LG AN170 Fluid 2

Handset Maker

LG

Handset Model Name

AN170 Fluid 2

FCC ID

ZNFVN170

Air Interfaces/Frequency Bands

800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

FEATURE

Remarks**Handset 9: LG G4/LG VS986****Handset Maker**

LG

Handset Model Name**FCC ID**

G4/LG VS986

ZNFVS986

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 06/16 to 08/16

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

SMARTPHONE

Remarks

Handset 10: LG G5

Handset Maker

LG

Handset Model Name

G5

FCC ID

ZNFVS987

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 05/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

SMARTPHONE

Remarks

Handset 11: LG K8

Handset Maker

LG

Handset Model Name

K8

FCC ID

ZNFVS500

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 09/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

SMARTPHONE

Remarks

Handset 12: LG LGRS987 (V10)**Handset Maker**

LG

Handset Model Name**FCC ID**

LGRS987 (V10)

ZNFVS990

Air Interfaces/Frequency Bands

800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 01/16 to 10/16

Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

SMARTPHONE

Remarks

Handset 13: Novatel MIFI6620

Handset Maker

Novatel

Handset Model Name

MIFI6620

FCC ID

PKRNVWMIFI6620

Air Interfaces/Frequency Bands

700 MHz Wi-Fi

800 MHz Wi-Fi

1900 MHz Wi-Fi

Dates

This handset model was offered from: 05/16 to 12/16

Ratings

M-Rating:

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

MOBILE HOTSPOT

Remarks

Handset 14: Samsung GALAXY S6 EDGE

Handset Maker

Samsung

Handset Model Name

GALAXY S6 EDGE

FCC ID

A3LSMG925R7

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 01/16 to 09/16

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

SMARTPHONE

Remarks

Handset 15: Samsung GALAXY S6 G920**Handset Maker**

Samsung

Handset Model Name**FCC ID**

GALAXY S6 G920

A3LSMG920R7

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

SMARTPHONE

Remarks

Handset 16: Samsung S7

Handset Maker

Samsung

Handset Model Name

S7

FCC ID

A3LSMG930US

Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

1900 MHz CDMA

Dates

This handset model was offered from: 04/16 to 12/16

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

SMARTPHONE

Remarks

Handset 17: Samsung SMG360R6 CORE PRIME

Handset Maker

Samsung

Handset Model Name

SMG360R6 CORE PRIME

FCC ID

A3LSMG360V

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

SMARTPHONE

Remarks

Handset 18: Samsung SMN920**Handset Maker**

Samsung

Handset Model Name**FCC ID**

SMN920

A3LSMN920V

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 01/16 to 11/16

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

SMARTPHONE

Remarks

Handset 19: SONIM XP3405 Shield

Handset Maker

SONIM

Handset Model Name

XP3405 Shield

FCC ID

WYPC21F007AA

Air Interfaces/Frequency Bands

800 MHz CDMA

1900 MHz CDMA

Dates

This handset model was offered from: 01/16 to 08/16

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

FEATURE

Remarks

Certification

This Report has been certified by:

Tim Nixdorf Wireless Operations Manager

01/07/2017 04:24 AM